

HIERARCHICAL CALL CONTROL WITH SELECTIVE BROADCAST
AUDIO MESSAGING SYSTEM

ABSTRACT

5 A cordless digital telephone system which allows hierarchical call control
in a cordless phone system is provided.. Based upon a priority level associated
with the identified phone number, a call controller unit directs the call to a
selected one of a plurality of mobile units in communication with the base station,
or a group of mobile units, or in some cases, at a highest priority level, broadcasts
10 the call to all mobile units. In those cases where the phone number is not
identifiable as being associated with a particular priority, then a lowest priority is
set for that call in which case a predefined message is sent to the caller and the call
is dropped. In this way, since in a broadcast mode a user does not have the chance
to prevent a ring an unwanted call can be diverted based upon a priority level such
15 as, for example, a "Do not disturb" priority level for calls and broadcasts.